

# GenSet



## MPM 20/600 P



**GEN SET S.p.a.**

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## MPM 20/600 P

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS 600 A OF DC WELD OUTPUT / SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE 1500 RPM

<b>Gen Set Features</b>	<b>Welding Processes: SMAW (stick) / TIG / CAG</b> + DAS, auto engine protection shutdown system with warning lights in case of: - battery charger failure - low fuel level - low oil pressure - high coolant temperature - overspeed + Fuel level gauge + 12V built-in battery with electric start + Engine hourmeter + Voltmeter + 1 x 32 A 230 V - 50Hz single-phase EEC socket protected by circuit breaker + 1 x 16 A 230 V - 50Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Remote control socket + Arc Force Control with changeover switch basic / cellulosic welding rods + Carbon Arc Gouging (CAG) socket + Central lifting eye + Fork-lift pockets	
<b>Gen Set Options</b> (available as factory options)	+ 20 kVA, 1 x 32 A, 400 V - 50 Hz three-phase EEC socket with ELCB protection + 7 kVA, 48 V - 50 Hz single-phase outlet + LIFT START TIG facility + CC/CV control for MIG welding + Weld Voltmeter and Ammeter + Spark arrester muffler + Version with different voltages + 60Hz version	
<b>Accessories on Request</b>	+ Two-wheels site tow undercarriage (GRT2W) + Four-wheels site tow undercarriage (GRT4W) + Four-wheels trailer with leaf springs and towing bar (GRT4WLB) + Remote control unit with 20 m cable and plug + Welding cables Ø 50 mm <sup>2</sup> (20+15 m) with accessories + MIG wire feeder	
<b>Noise Level</b>	+ Lwa 99 (74 dB a 7 m)	
<b>DC Welding</b>	+ Duty Cycle @ 60%: 600 A - 40 V + Duty Cycle @ 100%: 500 A - 40 V + Stepless current control: 30 A - 600 A + Open Circuit Voltage: 70 V + Max welding rod: 10 mm	
<b>AC Generator 50 Hz</b>	+ Type: Gen Set asynchronous self-excited and self-protected + Single-phase power: 12 kVA - 230 V + Power Factor: cos φ 0,8	
<b>Diesel Engine 1500 rpm</b>	+ Type: Perkins 1103 - 33TG - turbocharged - 3 cyl. 63,2 HP (46,5 kWm) - 3300 cm <sup>3</sup> + Fuel: diesel + Cooling system: water + Starting system: electric + Fuel tank capacity: 74 l + Fuel consumption @ 75%: 8 l/h	
<b>Other Features</b>	+ Insulation Class: F + Ambient temperature: 40 °C + Altitude: 1000 mt + Mechanical Protection: IP 23 + Dimensions (L x W x H): 2000 x 900 x 1200 mm + Dry weight: 1190 kg	

Generator set in designed to operate in ambient temperatures up to 40 °C and 1000 mt altitude - For higher values of temperature and altitude please consult factory to check available power.